

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No. UTU-13905	
6. If Indian, Allottee or Tribe Name N/A	
7. If Unit or CA Agreement, Name and No. Lone Tree	
8. Lease Name and Well No. Lone Tree Federal 9A-22-9-17 (Rig Skid)	
9. API Well No. 43-613-33869	
1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER	10. Field and Pool, or Exploratory Monument Butte
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone	11. Sec., T., R., M., or Blk. and Survey or Area NE/SE Sec. 22, T9S R17E
2. Name of Operator Newfield Production Company	12. County or Parish Duchesne
3a. Address Route #3 Box 3630, Myton UT 84052	13. State UT
3b. Phone No. (include area code) (435) 646-3721	14. Distance in miles and direction from nearest town or post office* Approximately 18.2 miles southeast of Myton, Utah
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 1990' FSL 663' FEL 586620X 40.014671 At proposed prod. zone 4429664Y -109.985049	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 650' f/ise, 650' f/unit 16. No. of Acres in lease 1200.00
17. Spacing Unit dedicated to this well 40 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1310'
19. Proposed Depth 5620'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5251' GL	22. Approximate date work will start* 1st Quarter 2008
23. Estimated duration Approximately seven (7) days from spud to rig release.	24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/8/08
Title Regulatory Specialist		
Approved by (Signature) <i>Daniel J. Jarvis</i>	Name (Printed/Typed) Daniel J. Jarvis	Date 1-9-08
Title Environment Manager	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)



RIG SKID

Federal Approval of this  
Action is Necessary

*NEWFIELD PRODUCTION COMPANY*



THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 022375  
STATE OF UTAH

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

SURVEYED BY: C.M.

DRAWN BY: F.T.M.

SCALE: 1" = 1000'

22

## DRILLING

66.3'

200

100

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LONE TREE 9A-22-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 00' 52.76"  
LONGITUDE = 109° 59' 08.40"

 = SECTION CORNERS LOCATED

BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY  
LONE TREE FEDERAL #9A-22-9-17  
NE/SE SECTION 22, T9S, R17E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1750'
Green River	1750'
Wasatch	5620'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1750' - 5620' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
LONE TREE FEDERAL #9A-22-9-17  
NE/SE SECTION 22, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Lone Tree Federal #9A-22-9-17 located in the NE 1/4 SE 1/4 Section 22, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.7 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 0.9 miles  $\pm$  to it's junction with an existing road to the south; proceed southeasterly - 2.6 miles  $\pm$  to it's junction with the beginning of an existing two track road to be up-graded; proceed southeasterly - 3080'  $\pm$  to it's junction with the beginning of the proposed access road to the northeast; proceed northeasterly along the proposed access road - 0.8 miles  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surface equipment will be painted Carlsbad Canyon.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.



9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-206, 6/15/05. Paleontological Resource Survey prepared by, Wade E. Miller, 6/29/05. See attached report cover pages, Exhibit "D".

For the Lone Tree Federal #9A-22-9-17 Newfield Production Company requests a 470' ROW be granted in Lease UTU-79015, a 1990' ROW be granted in Lease UTU-65320, and 4990' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed access road. Refer to Topographic Map "B". For the planned access road a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests a 470' ROW in Lease UTU-79015, a 1990' ROW in Lease UTU-65320, and 4990' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed gas lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests a 470' ROW in Lease UTU-79015, a 1990' ROW in Lease UTU-65320, and 4990' of disturbed area be granted in Lease UTU-13905 to allow for construction of the proposed water lines. It is proposed that the ROW and disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**  
None for the proposed Lone Tree Federal 9A-22-9-17.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

**Details of the On-Site Inspection**

The proposed Lone Tree Federal #9A-22-9-17 was on-sited on 7/27/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #9A-22-9-17 NE/SE Section 22, Township 9S, Range 17E: Lease UTU-13905 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #078000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

1/8/07

Date

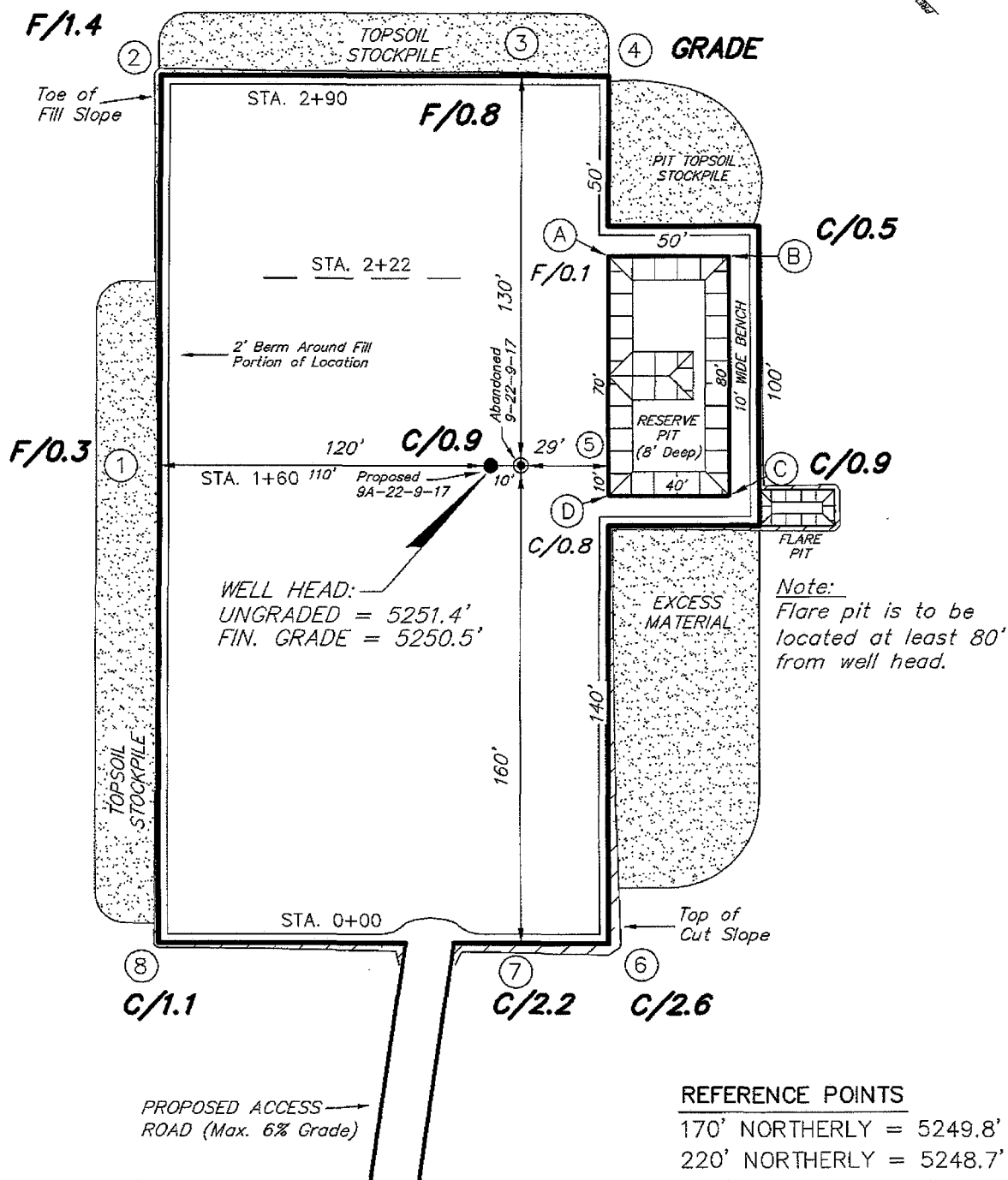


Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

# NEWFIELD PRODUCTION COMPANY

LONE TREE 9A-22-9-17

Section 22, T9S, R17E, S.L.B.&M.

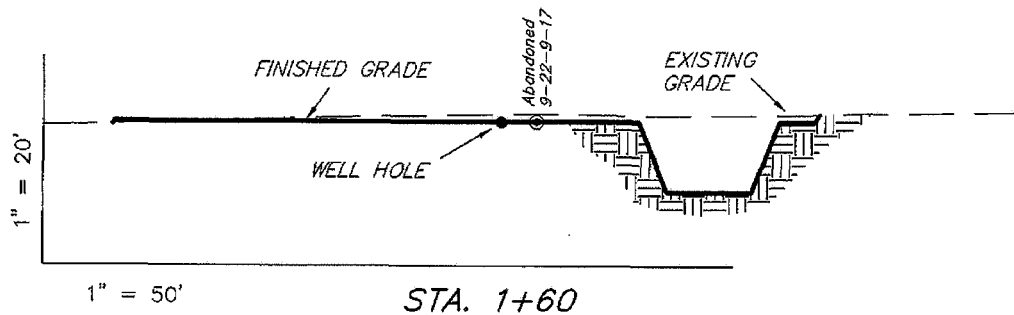
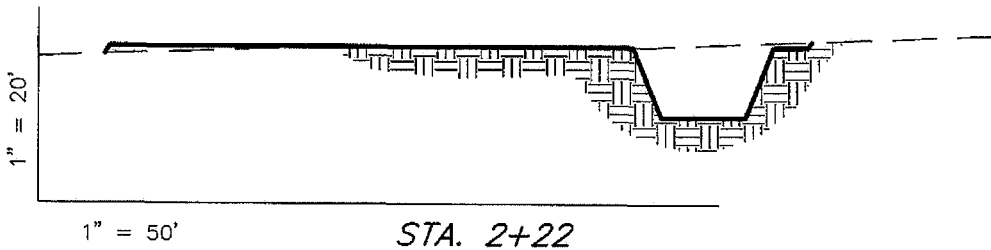
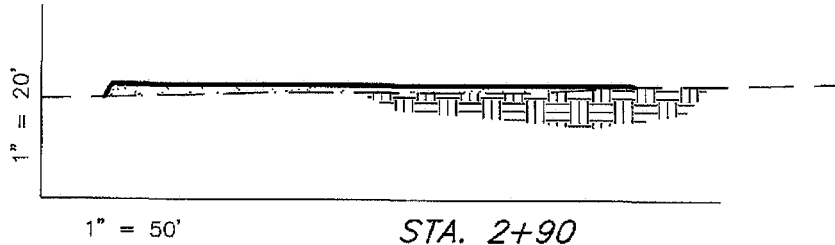


SURVEYED BY: C.M.	DATE SURVEYED: 06-23-06
DRAWN BY: F.T.M.	DATE DRAWN: 06-26-06
SCALE: 1" = 50'	REVISED: F.T.M. 01-08-08

**Tri State**  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
 (435) 781-2501

# NEWFIELD PRODUCTION COMPANY CROSS SECTIONS

LONE TREE 9A-22-9-17



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

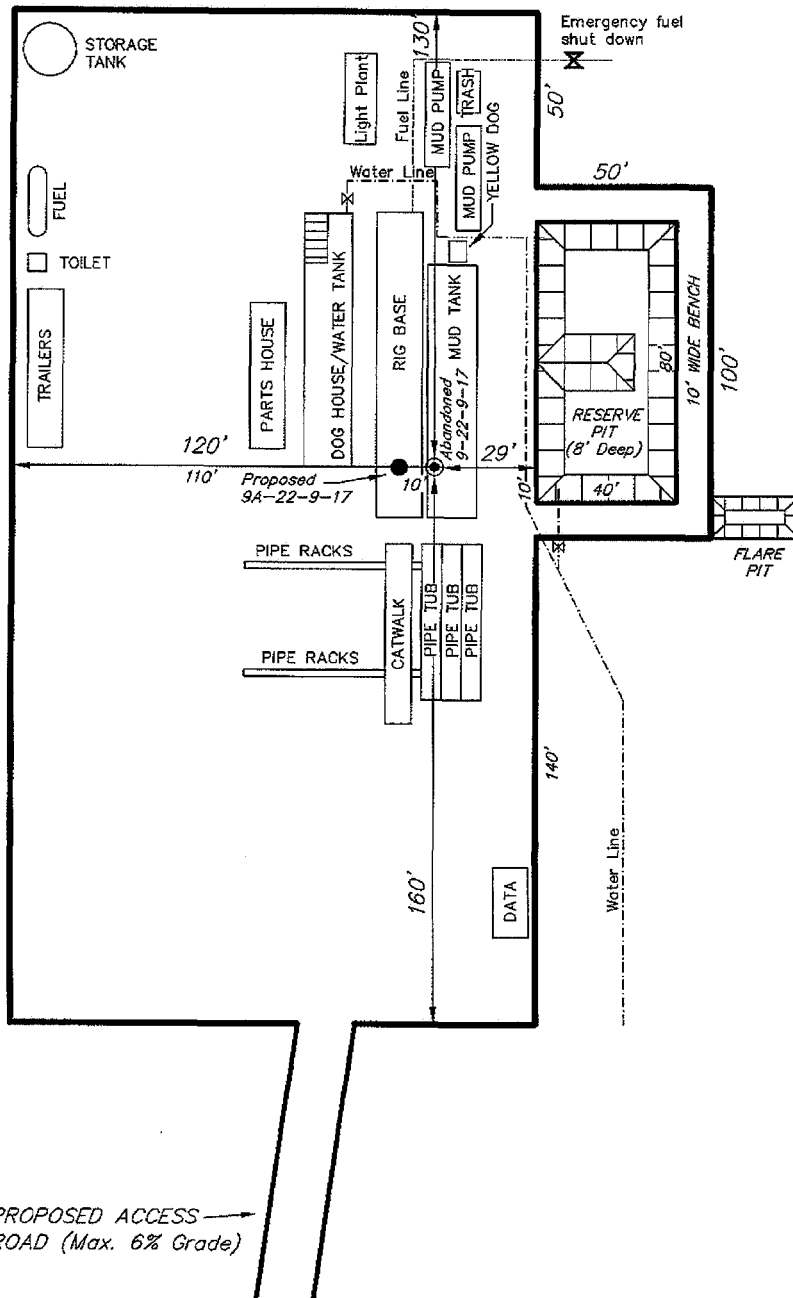
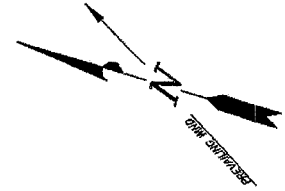
ESTIMATED EARTHWORK QUANTITIES  
(No Shrink or swell adjustments have been used)  
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	590	590	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	1,230	590	930	640

SURVEYED BY: C.M. DATE SURVEYED: 06-23-06  
DRAWN BY: F.T.M. DATE DRAWN: 06-26-06  
SCALE: 1" = 50' REVISED: F.T.M. 01-08-08

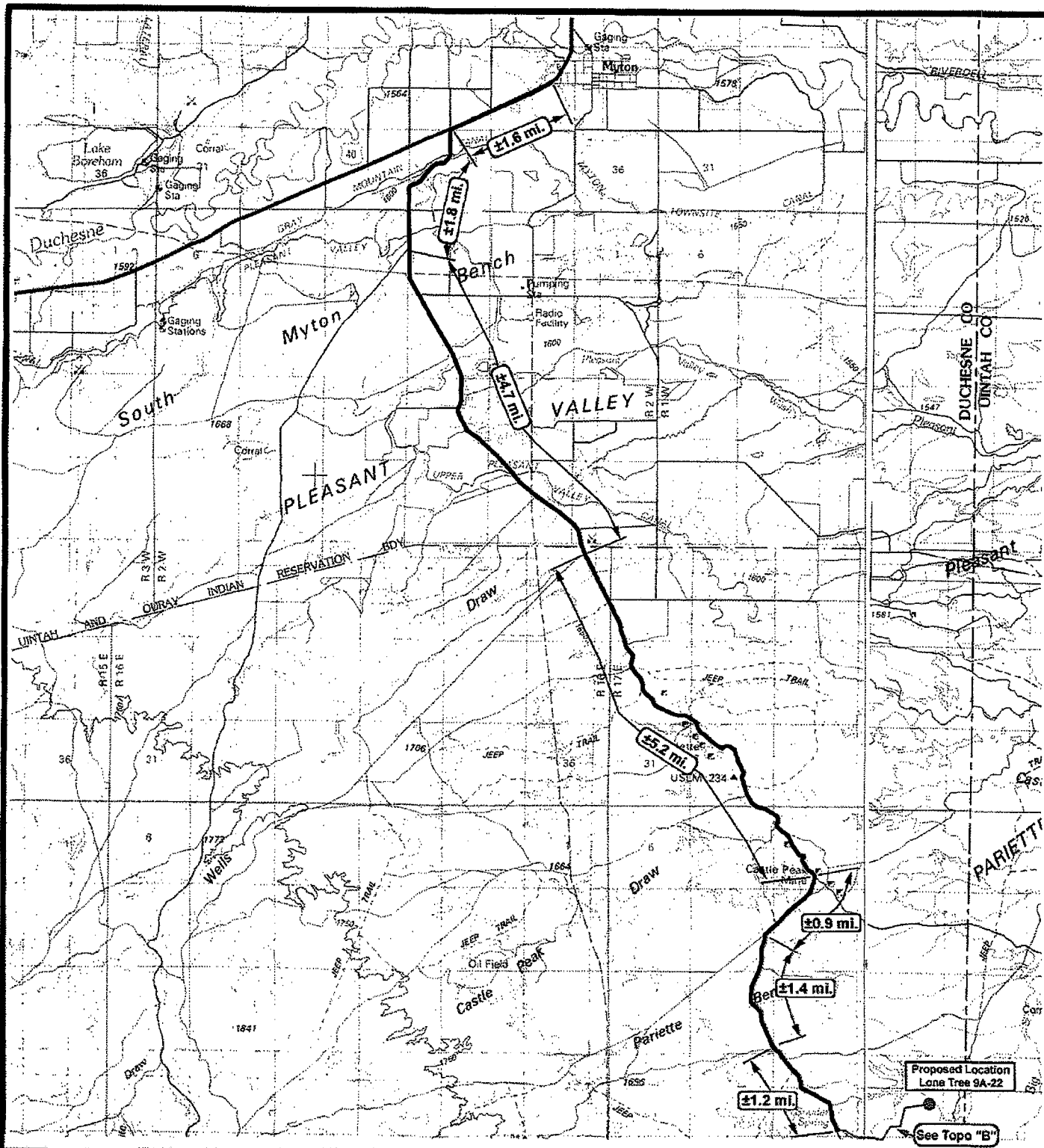
*Tri State* (435) 781-2501  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

**NEWFIELD PRODUCTION COMPANY**  
**TYPICAL RIG LAYOUT**  
**LONE TREE 9A-22-9-17**



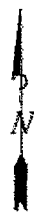
SURVEYED BY: C.M.	DATE SURVEYED: 06-23-06
DRAWN BY: F.T.M.	DATE DRAWN: 06-26-06
SCALE: 1" = 50'	REVISED: F.T.M. 01-08-08

**Tri State** (435) 781-2501  
**Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**NEWFIELD**  
Exploration Company

**Lone Tree 9A-22-9-17**  
**SEC. 22, T9S, R17E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

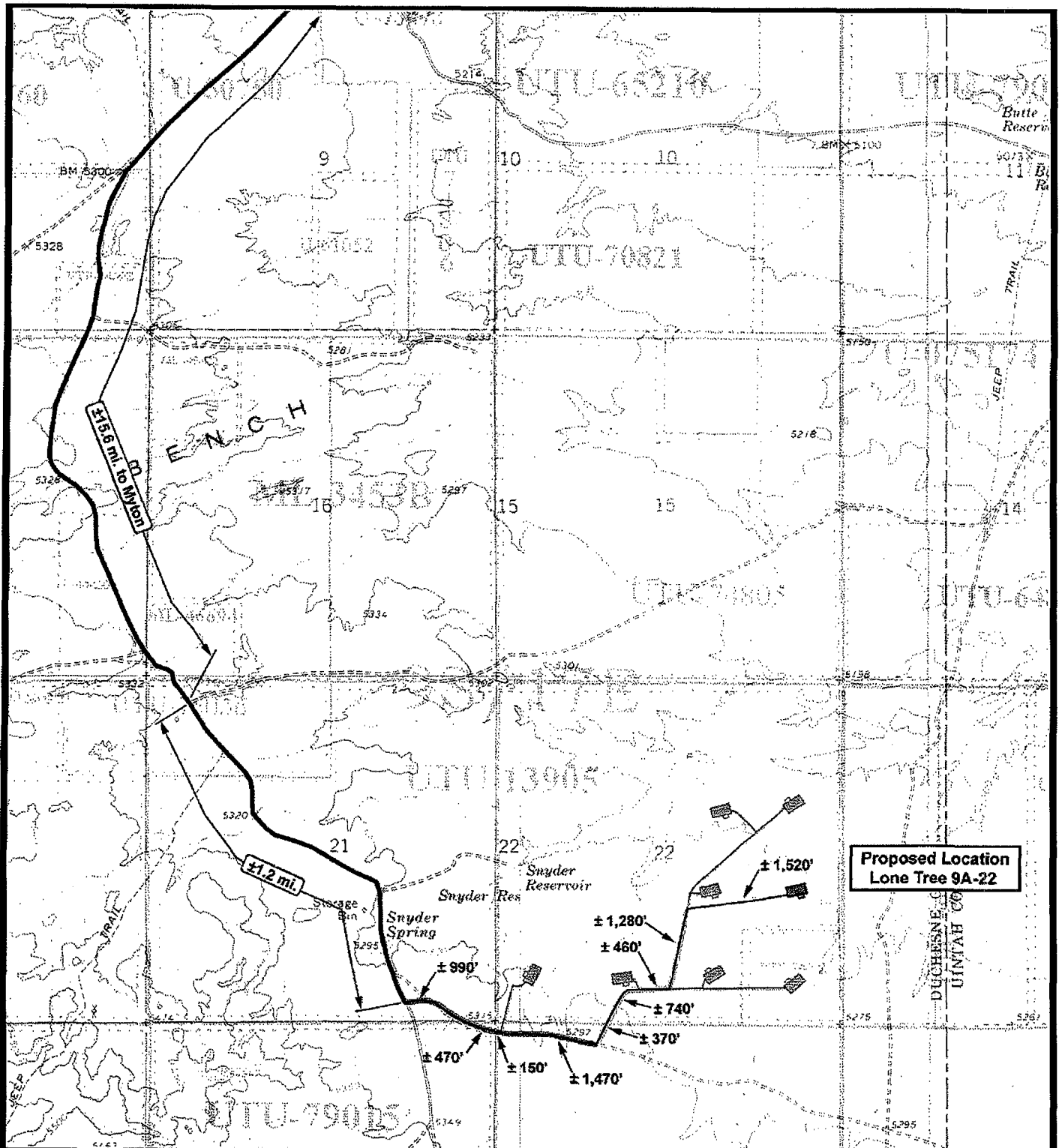
SCALE: 1" = 100,000  
DRAWN BY: mw  
DATE: 06-27-2006

**Legend**  
— Existing Road  
— Proposed Access

TOPOGRAPHIC MAP

**"A"**

Proposed Location  
Lone Tree 9A-22  
See Topo "B"



**NEWFIELD**  
Exploration Company

**Lone Tree 9A-22-9-17**  
**SEC. 22, T9S, R17E, S.L.B.&M.**

**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: mw  
DATE: 06-27-2006

**Legend**

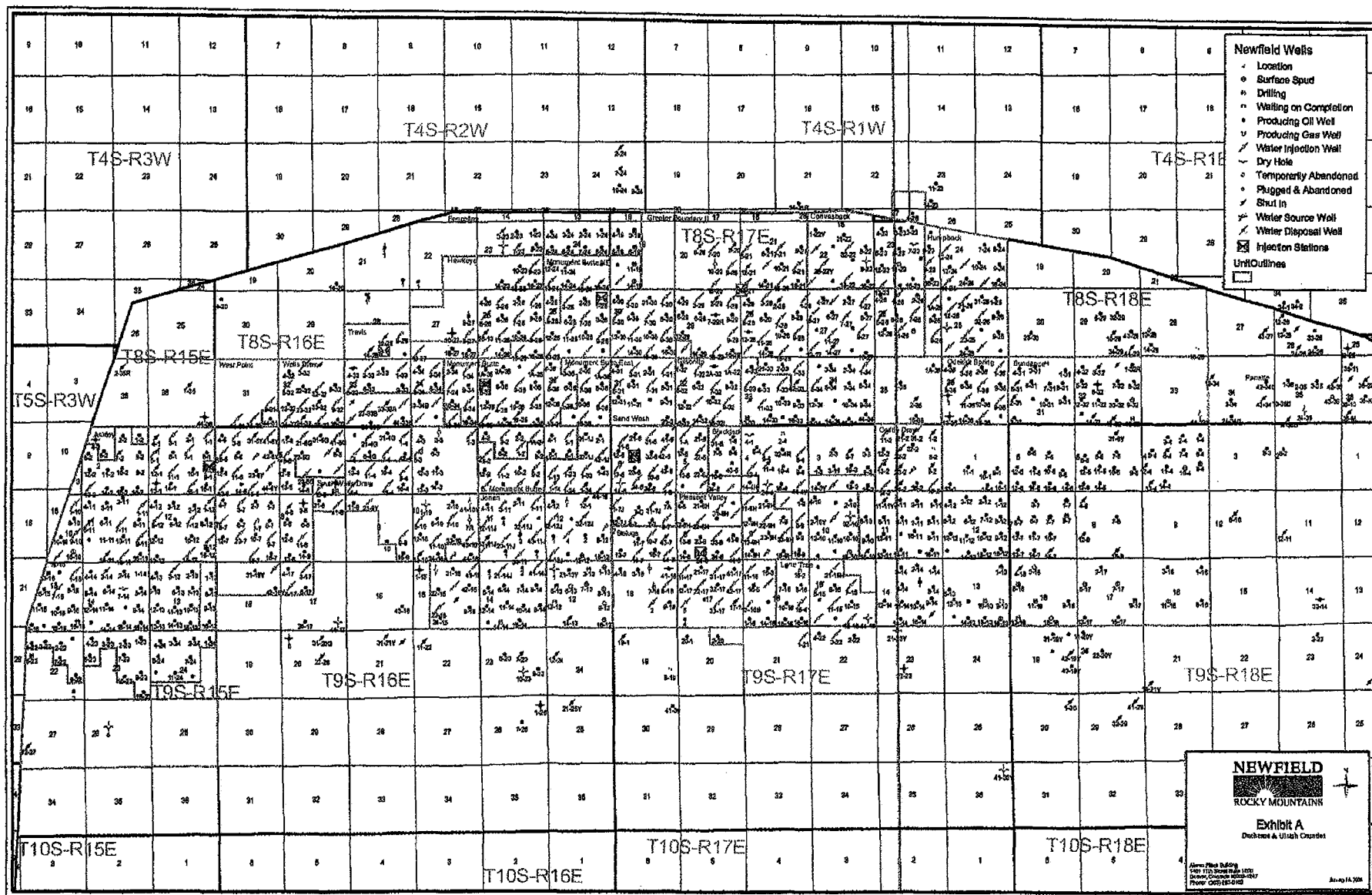
- Existing Road
- Proposed Access
- Existing Two-Track

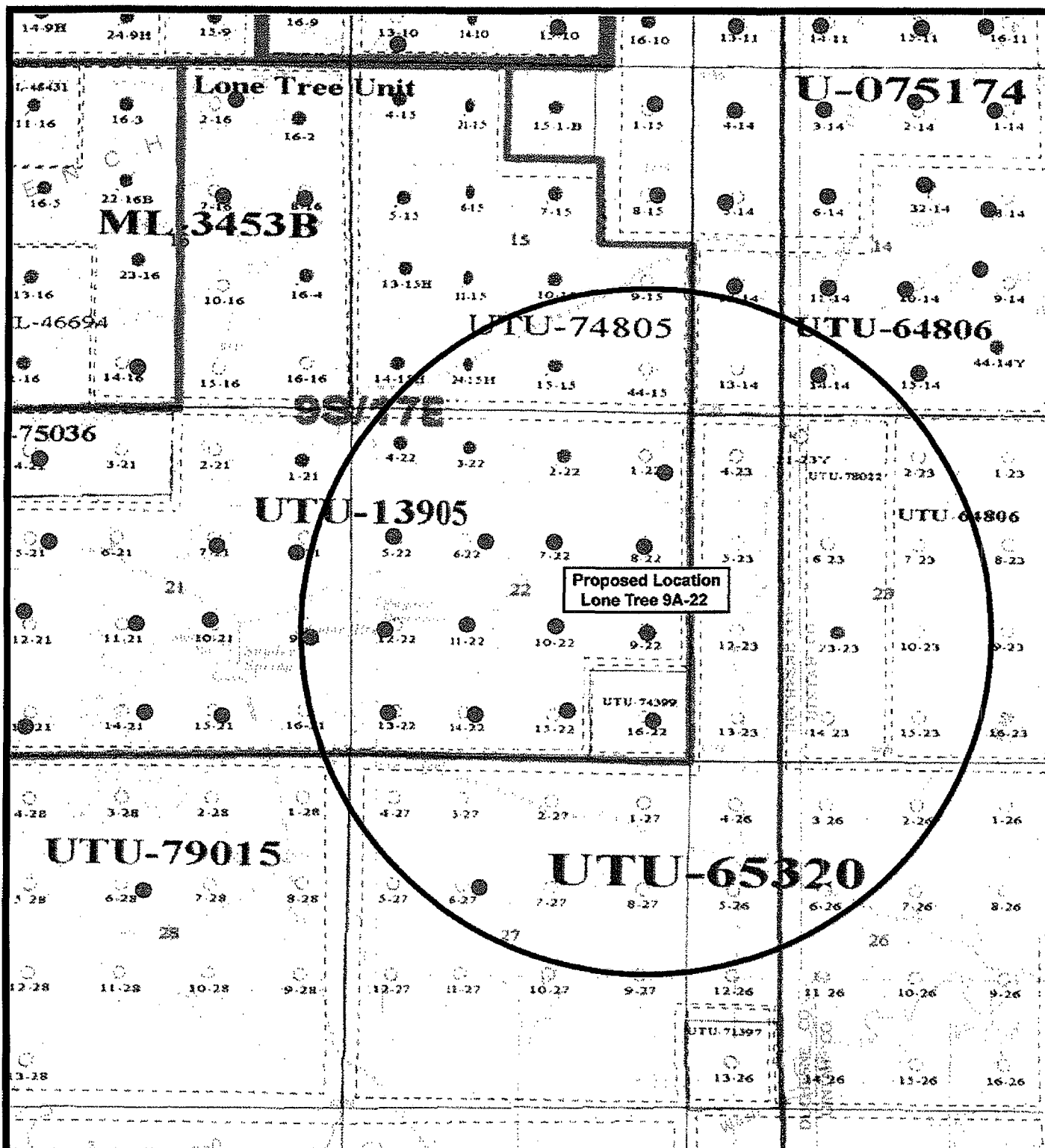
**TOPOGRAPHIC MAP**

**"B"**









**NEWFIELD**  
Exploration Company

**Lone Tree 9A-22-9-17**  
**SEC. 22, T9S, R17E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 06-27-2006

**Legend**

- Location
- One-Mile Radius

**Exhibit "B"**

## 2-M SYSTEM

Blowout Prevention Equipment Systems

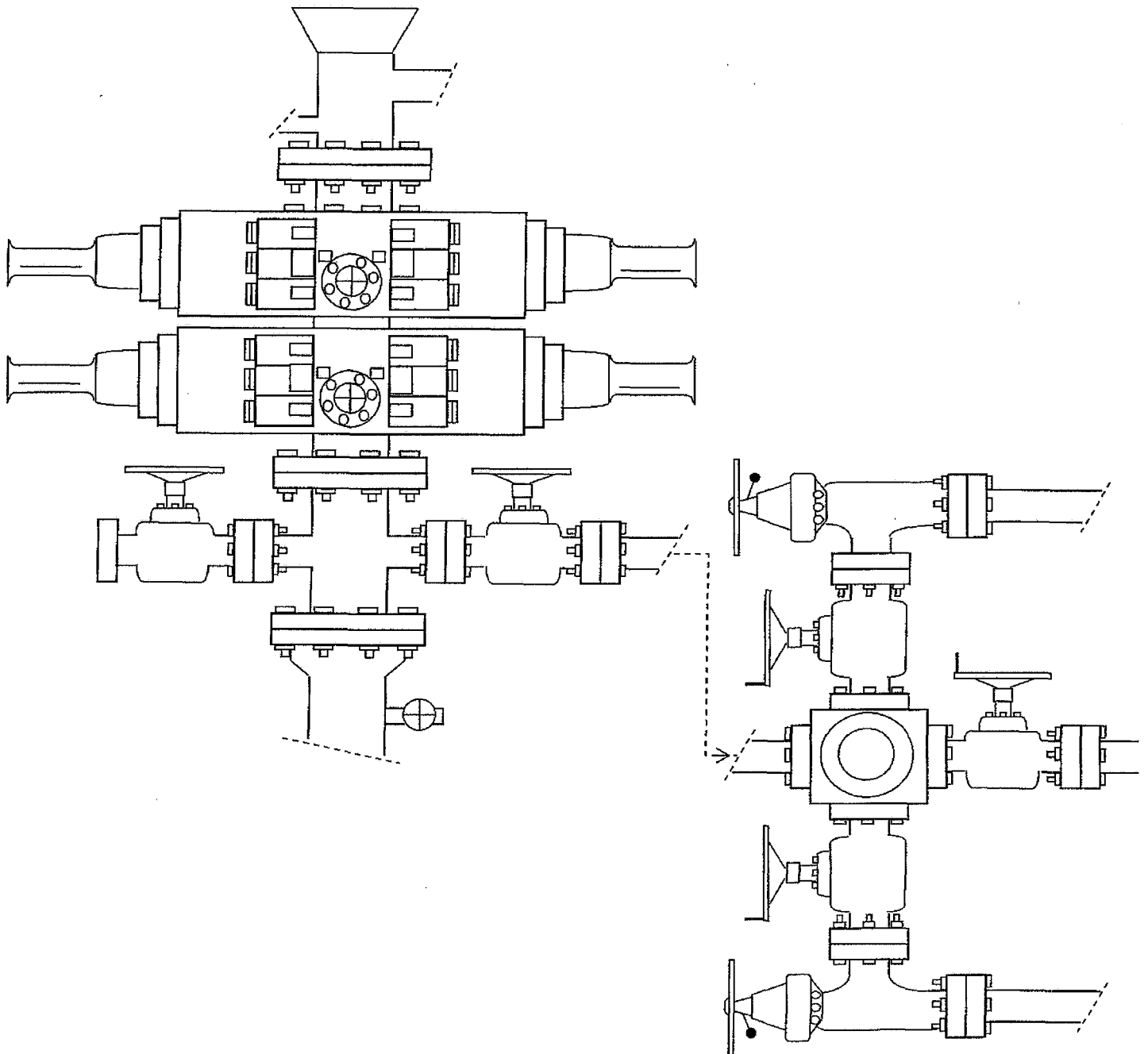


EXHIBIT C

Exhibit 'D'  
1 of 2

**CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATION'S BLOCK PARCELS  
IN T9S, R17E, SEC. 19, 20, 21 & 22  
DUCHESNE COUNTY, UTAH**

**Katie Simon**

**Prepared For:**

**Bureau of Land Management  
Vernal Field Office**

**Prepared Under Contract With:**

**Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052**

**Prepared By:**

**Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532**

**MOAC Report No. 04-206**

**June 15, 2005**

**United States Department of Interior (FLPMA)  
Permit No. 05-UT-60122**

**State of Utah Antiquities Project (Survey)  
Permit No. U-05-MQ-0516b**

2 of 2

**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

Section 22, T 9 S, R 17 E [entire section excluding the NW 1/4, NE 1/4;  
NE 1/4 and NW 1/4, NW 1/4]; NE 1/4, Section 9, T 9 S, R 16 E;  
NE 1/4, NE 1/4, Section 10, T 9 S, R 17 E

**REPORT OF SURVEY**

Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
June 29, 2005

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/09/2008

API NO. ASSIGNED: 43-013-33869

WELL NAME: LONE TREE FED 9A-22-9-17 (Rigsid)

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

**PROPOSED LOCATION:**

NESE 22 090S 170E

SURFACE: 1990 FSL 0663 FEL

BOTTOM: 1990 FSL 0663 FEL

COUNTY: DUCHESNE

LATITUDE: 40.01467 LONGITUDE: -109.9851

UTM SURF EASTINGS: 586620 NORTHINGS: 4429669

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /

**Tech Review**

**Initials**

**Date**

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-13905

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000493 )

☐ Potash (Y/N)

☐ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. MUNICIPAL )

☐ RDCC Review (Y/N)  
(Date: )

☐ Fee Surf Agreement (Y/N)

☐ Intent to Commingle (Y/N)

**LOCATION AND SITING:**

       R649-2-3.

Unit: LONE TREE (GRRV)

       R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228-5

Eff Date: 8-26-1998

Siting: Suspends General Siting

       R649-3-11. Directional Drill

COMMENTS: See Separate File

STIPULATIONS: 1- Federal Approval





OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 22 T.9S R.17S

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 228-5 / 8-26-1998

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 09-JANUARY-2008



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

January 9, 2008

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Lone Tree Federal 9A-22-9-17 (Rig Skid) Well, 1990' FSL, 663' FEL, NE SE, Sec. 22,  
T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33869.

Sincerely,

*for* Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company

Well Name & Number Lone Tree Federal 9A-22-9-17 (Rig Skid)

API Number: 43-013-33869

Lease: UTU-13905

Location: NE SE                      Sec. 22                      T. 9 South                      R. 17 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other **P&A**

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 1980' FSL & 660' FEL (NE/SE) Sec.22, T9S, R17E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33306

DATE ISSUED

9/19/06

15. DATE SPUDDED

1/8/08

16. DATE T.D. REACHED

1/8/08

17. DATE COMPL. (Ready to prod.)

1/9/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5251' GL

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

20. TOTAL DEPTH, MD & TVD

189'

21. PLUG BACK T.D., MD & TVD

189'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER
Plug 1		

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
189'	Pump 185 sacks Class "G" Cement down hole w/2 bbls returned to pit

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
							P&A	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.		GAS-OIL RATIO
			----->	0	0	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	
		----->						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

NA

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Mandie Crozier

TITLE Regulatory Specialist

DATE 1/9/2008

MC

\*(See Instructions and Spaces for Additional Data on Reverse Side)

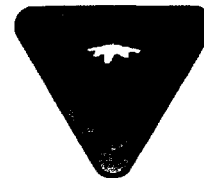


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company Location: NESE, Sec. 22, T9S, R17E  
Well No: Lone Tree Federal 9A-22-9-17 Rig Skid Lease No: UTU-13905  
API No: 43-013- 33869 Agreement: Lone Tree Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**Surface COAs:**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**STIPULATIONS AND NOTICES:**

- Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- Wildlife stipulations:  
There is a newly discovered Ferruginous hawk nest in a tree (Lone Tree) 0.5 miles east of the access road, but is not in line-of-site. **With this occurrence there will be a time restriction to protect Ferruginous hawk nesting from March 1 – July 15.**

**Lease Notices from Resource Management Plan:**

The lessee/operator is given notice the area has been identified as containing Black-footed ferret habitat. Modifications may be required in the Surface Use Plan to protect the Black-footed ferret and/or its habitat from surface disturbance activities in accordance with Appendix 2 of the Diamond Mountain Resource Management Plan and Environmental Impact Statement, Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

**Comments:**

1. The proposed area contains poor Mountain Plover habitat due to dense vegetation and many rolling hills.
2. If it is anticipated that construction or drilling will occur during the given timing restrictions for any wildlife, a BLM or qualified biologist shall be notified so surveys can be conducted. Depending upon the results of the survey, permission to proceed may or may not be recommended or granted (depending on the species being surveyed and the condition of the habitat).

**CONDITIONS OF APPROVAL:**

- ROW (Right of Way):  
Access roads will be Crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet during construction. The estimated time required for construction will be 15 days.  
Construction of gas pipelines. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. The gas pipelines will be a surface 6" gas gathering line, and a surface 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. The estimated time required for construction will be 15 days.

Construction of water pipelines. Water pipelines will be buried 4 to 5 feet deep to avoid freezing. The disturbed area will be 50 feet wide to allow for construction and 30 feet wide for operations. Buried water pipelines will be 3" steel water injection line and a 3" poly water return line. The estimated time required for construction will be 15 days.

- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Crested Wheatgrass ( <i>Agropyron cristatum</i> ):	4 lbs/acre
Indian Ricegrass ( <i>Achnatherum hymenoides</i> ):	4 lbs/acre
Needle and Threadgrass ( <i>Hesperostipa comata</i> ):	4 lbs/acre
Scarlet Globemallow ( <i>Sphaeralcea coccinea</i> )	1 lbs/acre
- All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.



- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- None.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: LONE TREE FED 9A-22-9-17 (RIG SKID)

Api No: 43-013-33869 Lease Type: FEDERAL

Section 22 Township 09S Range 17E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 01/10/08

Time 11:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by DELL RAY

Telephone # (435) 828-6110

Date 01/14/08 Signed CHD

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: **NEWFIELD PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3630**  
**MYTON, UT 84052**

OPERATOR ACCT. NO. **N2695**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	16608	4301333176	Federal 3-23-9-16	NENW	23	9S	16E	DUCHESNE	1/8/2008	1/17/08
WELL 1 COMMENTS: <i>GRRV</i>											
A	99999	12417	4301333869	Lonetree Federal 9A-22-9-17 <i>(Rigs Kid)</i>	NESE	22	9S	17E	DUCHESNE	1/10/2008	1/17/08
WELL 2 COMMENTS: <i>GRRV</i>											
A	99999	16609	4301333177	Federal 4-23-9-16	NWNW	23	9S	16E	DUCHESNE	1/9/2008	1/17/08
WELL 3 COMMENTS: <i>GRRV</i>											
A	99999	12417	4301333313	Lonetree Federal 16-22-9-17	SESE	22	9S	17E	DUCHESNE	1/14/2008	1/17/08
WELL 4 COMMENTS: <i>GRRV</i>											
A											
WELL 5 COMMENTS:											
A											
WELL 6 COMMENTS:											

ACTION CODES (See Instructions on back of form)

- A - new entity for new well (single well only)
- B - well to existing entity (grub or well well)
- C - loan one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comment section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED  
JAN 16 2008

DIV. OF OIL, GAS & MINING

*Tammi Lee*  
Signature

Tammi Lee

Production Clerk

01/16/08  
Date



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
LONE TREE UNIT

8. Well Name and No.  
LONE TREE 9A-22-9-17 (Rigsleid)

9. API Well No.  
4301333869

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**SUBMITTING INFORMATION** Other instructions on reverse side

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NFSE Section 22 T9S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 1/10/08 MJRU NDSI NS # 1. Spud well @ 11:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 326 KB. On 1/21/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5-bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

02/03/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

FEB 07 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 326.61

LAST CASING 8 5/8" set @ 315.71  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 320' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company  
 WELL Federal 9A-22-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI NS # 1

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 39.40'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	315.71
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			316.61
TOTAL LENGTH OF STRING		316.61	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>326.61</b>

TOTAL	314.76	7	} COMPARE
TOTAL CSG. DEL. (W/O THRDS)	314.76	7	
TIMING	1ST STAGE		
BEGIN RUN CSG.	1/11/2008	8:00 AM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	1/11/2008		Bbls CMT CIRC TO SURFACE <u>5</u>
BEGIN CIRC	1/18/2008		RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT	1/18/2008		
BEGIN DSPL CMT	1/18/2008		BUMPED PLUG TO <u>320</u> PSI
PLUG DOWN	1/18/2008		

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			

COMPANY REPRESENTATIVE Justin Crum DATE 1/21/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESE Section 22 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE 9A-22-9-17

9. API Well No.

4301333869

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above mentioned well went on production 3/4/08. See attached daily activity report.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Tammi Lee

Signature

Title

Production Clerk

Date

03/10/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**

**MAR 12 2008**

**DIV. OF OIL, GAS & MINING**

**Daily Activity Report**

Format For Sundry

**LONE TREE 9A-22-9-17****12/1/2007 To 4/29/2008****2/20/2008 Day: 1****Completion**

Rigless on 2/19/2008 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5463' & cement top @ 1012'. Perforate stage #1. CP2 sds @ 5122- 30' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 131 BWTR. SIFN.

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**2/28/2008 Day: 2****Completion**

Rigless on 2/27/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP2 sd, stage #1 down casing w/ 15,122#'s of 20/40 sand in 272 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2896 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1901 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1757. 403 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 7' perf gun. Set plug @ 4750'. Perforate A1 sds @ 4633-40' w/ 3-1/8" Slick Guns (23 gram, .43" HE, 90°) w/ 4 spf for total of 28 shots. RU BJ & frac stage #2 w/ 14,749#'s of 20/40 sand in 263 bbls of Lightning 17 frac fluid. Open well w/ 1180 psi on casing. Perfs broke down @ 1310 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1553 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1356. 666 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 6' perf gun. Set plug @ 4585'. Perforate A.5 sds @ 4552-58' w/ 4 spf for total of 24 shots. RU BJ & frac stage #3 w/ 20,331#'s of 20/40 sand in 296 bbls of Lightning 17 frac fluid. Open well w/ 997 psi on casing. Perfs broke down @ 2249 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1754 @ ave rate of 23.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1628. 962 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4330'. Perforate D1 sds @ 4216-26' w/ 4 spf for total of 40 shots. RU BJ & frac stage #4 w/ 30,445#'s of 20/40 sand in 378 bbls of Lightning 17 frac fluid. Open well w/ 1073 psi on casing. Perfs broke down @ 1704 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1492 @ ave rate of 23.2 bpm w/ 6.5 ppg of sand. ISIP was 1540. 1340 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 3 hours & died w/ 200 bbls rec'd. SIFN.

---

**2/29/2008 Day: 3****Completion**

Western #2 on 2/28/2008 - Thaw well out. MIRUSU. Open well w/ 225 psi on casing. RD Cameron BOP's & 5K frac head. Instal 3k production tbg head & Schaefer BOP's. Unload tbg onto racks. RU 4-3/4" Chomp bit & bit sub. Tally & pickup new 2-7/8", J-55, 6.5# tbg & TIH w/ 137jts to tag fill @ 4285'. SIFN.

---

**3/1/2008 Day: 4****Completion**

Western #2 on 2/29/2008 - Open well w/ 25 psi on casing. RU swivel pump & tanks. C/O to plug @ 4330'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4585'. Drlg out plug #2. TIH w/ tg to tag plug @ 4750'. Drlg out plug #3. TIH w/ tbg to tag fill @ 5404'. C/O to PBTD @ 5491'. LD 2 jts tbg & leave EOT @ 5442'. SIFN.

---

**3/4/2008 Day: 5****Completion**

Western #2 on 3/3/2008 - Open well w/ 25 psi on casing. RU swab. Made 15 runs to rec'd 133 bbls fluid. Last run showed trace of oil w/ no sand. IFL was 100'. FFL was 2400'. RD swab equipment. TIH w/ tbg to PBTD @ 5491'. (3' new sand). Circulate well clean. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 2 jts tbg, TA (new CDI w/ 45,000# shear), 162 jts tbg. RD

BOP's. Set TA @ 5101' w/ 16,000# tension, SN @ 5162' & EOT @ 5230'. Pick up prime pump. TIH w/ 2-1/2" x 1-1/2" x 10' x 14' RHAC new pump, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 80- 3/4" plain rods, 44- 3/4" guided rods. 1-1/2" x 26' polished rod. SIFN.

---

3/5/2008 Day: 6

Completion

Western #2 on 3/4/2008 - Open well w/ 25 psi on casing. Continue TIH w/ 66- 3/4" guided rds, 2- x 3/4" pony rod, 1-1/2" x 26" polished rod. Space pump. Test tbg & pump to 800 psi. POP @ 9AM w/ 86"SL, @ 4 SPM. RDMOSU. Final Report.

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Pertinent Files: Go to File List

(See other instructions on reverse side)

OMB NO. 1004-0137  
Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

### 1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

**1b. TYPE OF WELL**

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

**Newfield Exploration Company**

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
At Surface 1990' FSL & 663' FEL (NE/SE) Sec. 22, T9S, R17E

At top prod. Interval reported below

At total depth

14. API NO.	DATE ISSUED
43-013-33869	01/09/08

12. COUNTY OR PARISH Duchesne	13. STATE UT
----------------------------------	-----------------

15. DATE SPURRED 01/10/08	16. DATE T.D. REACHED 02/02/08	17. DATE COMPL. (Ready to prod.) 03/04/08	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5251' GL      5263' KB	19. ELEV. CASINGHEAD
------------------------------	-----------------------------------	--	---	----------------------

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ----->	ROTARY TOOLS	CABLE TOOLS
5555'	5491'			X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*  Green River 4216'-5130'	25. WAS DIRECTIONAL SURVEY MADE  No
---	--

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	327'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5545'	7-7/8"	300 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5232'	5101'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP2) 5122'-5130'	.49"	8/32	5122'-5130'	Frac w/ 15,122# 20/40 sand in 272 bbls fluid
(A1) 4633'-4640'	.43"	4/28	4633'-4640'	Frac w/ 14,749# 20/40 sand in 263 bbls fluid
(A.5) 4552'-4558'	.43"	4/24	4552'-4558'	Frac w/ 20,331# 20/40 sand in 296 bbls fluid
(D1) 4216'-4226'	.43"	4/40	4216'-4226'	Frac w/ 30,445# 20/40 sand in 378 bbls fluid

33.*										PRODUCTION									
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)												WELL STATUS (Producing or shut-in)			
03/07/08				2-1/2" x 1-1/2" x 10' x 14' RHAC SM Plunger Pump												PRODUCING			
DATE OF TEST				HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL--BBL.		GAS--MCF.		WATER--BBL.		GAS-OIL RATIO			
10 day ave								---->		37		61		51		1649			

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
---------------------	-----------------	----------------------------	-----------	-----------	-------------	-------------------------

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ RECEIVED \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS

26. I hereby certify that the foregoing and attached information is complete and correct as determined for all purposes of the **DIV. OF OIL, GAS & MINING**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED [Signature] TITLE Production Technician DATE 4/7/2008

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

IE

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Lone Tree Federal	Garden Gulch Mkr	3250'	
				Garden Gulch 1	3434'	
				Garden Gulch 2	3546'	
				Point 3 Mkr	3810'	
				X Mkr	4035'	
				Y-Mkr	4070'	
				Douglas Creek Mkr	4192'	
				BiCarbonate Mkr	4420'	
				B Limestone Mkr	4521'	
				Castle Peak	5026'	
				Basal Carbonate	5421'	
				Total Depth (LOGGERS)	5555'	

# NEWFIELD



Well Name: Lone Tree 9A-22-9-17

LOCATION: S22, T9S, R17E

COUNTY/STATE: Duchesne

API: 43-013-33869

Spud Date: 1-10-08

TD: 5550'

CSG: 2-2-08

POP: 3-4-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
3/4/2008				1140				POP @ 9:00A.M. w/ 86" SL @ 4 SPM. 1140 Total water to recover.
3/5/2008	24		108	1032	0	0	5	108 is total production.
3/6/2008	24	0	85	947	0	0	5	
3/7/2008	24	30	42	905	0	30	5	
3/8/2008	24	33	25	880	33	50	5	
3/9/2008	24	75	50	830	22	80	5 1/2	
3/10/2008	24	25	67	763	113	90	5 1/2	
3/11/2008	24	23	27	736	88	80	5 1/2	
3/12/2008	24	63	73	663	88	80	5 1/2	
3/13/2008	24	30	20	643	29	75	5	
3/14/2008	24	25	20	623	88	80	5 1/2	
3/15/2008	24	55	22	601	31	80	5	
3/16/2008	24	0	0	601	29	80	5 1/2	
3/17/2008	24	12	10	591	88	75	5	
3/18/2008	24	25	0	591	88	70	5	
3/19/2008	24	20	0	591	114	70	5	
3/20/2008	24	20	0	591	60	75	5	
3/21/2008	24	22	5	586	131	70	5 1/2	
3/22/2008	24	23	0	586	111	65	5 1/2	
3/23/2008	24	18	17	569	126	65	5 1/2	
3/24/2008	24	0	35	534	113	70	5 1/2	
3/25/2008				534				
3/26/2008				534				
3/27/2008				534				
3/28/2008				534				
3/29/2008				534				
3/30/2008				534				
3/31/2008				534				
4/1/2008				534				
4/2/2008				534				
4/3/2008				534				
4/4/2008				534				
		<b>499</b>	<b>606</b>		<b>1352</b>			

20877



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESE Section 22 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

LONE TREE UNIT

8. Well Name and No.

LONE TREE 9A-22-9-17

9. API Well No.

4301333869

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Cement usable water
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	zone

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

After the initial cement job of the 5-1/2" production casing on the federal 9A-22-9-17 the cement top fell to 1012. failing to cover required 200' above the usable water zone at approxamatly 700'. Newfield Production Company proposes to perforate the 5-1/2" casing at 990'set a cement retainer and circulate cement up the annulas to cover the usable water zone. Newfield proposes to circulate 34 bbls of Prem Lite 2 mixed at 11.0 ppg & 3.43 yield. Cement should return to surface.

COPY SENT TO OPERATOR

Date: 4-28-2008

Initials: RS

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 4/25/08

By: [Signature]

Federal Approval Of This  
Action Is Necessary

RECEIVED

APR 03 2008

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

Brad Mecham

Signature

[Signature]

Title

Operations Superintendent

Date

03/31/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United  
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

# LONE TREE FEDERAL #9A-22-9-17

## Wellbore Diagram

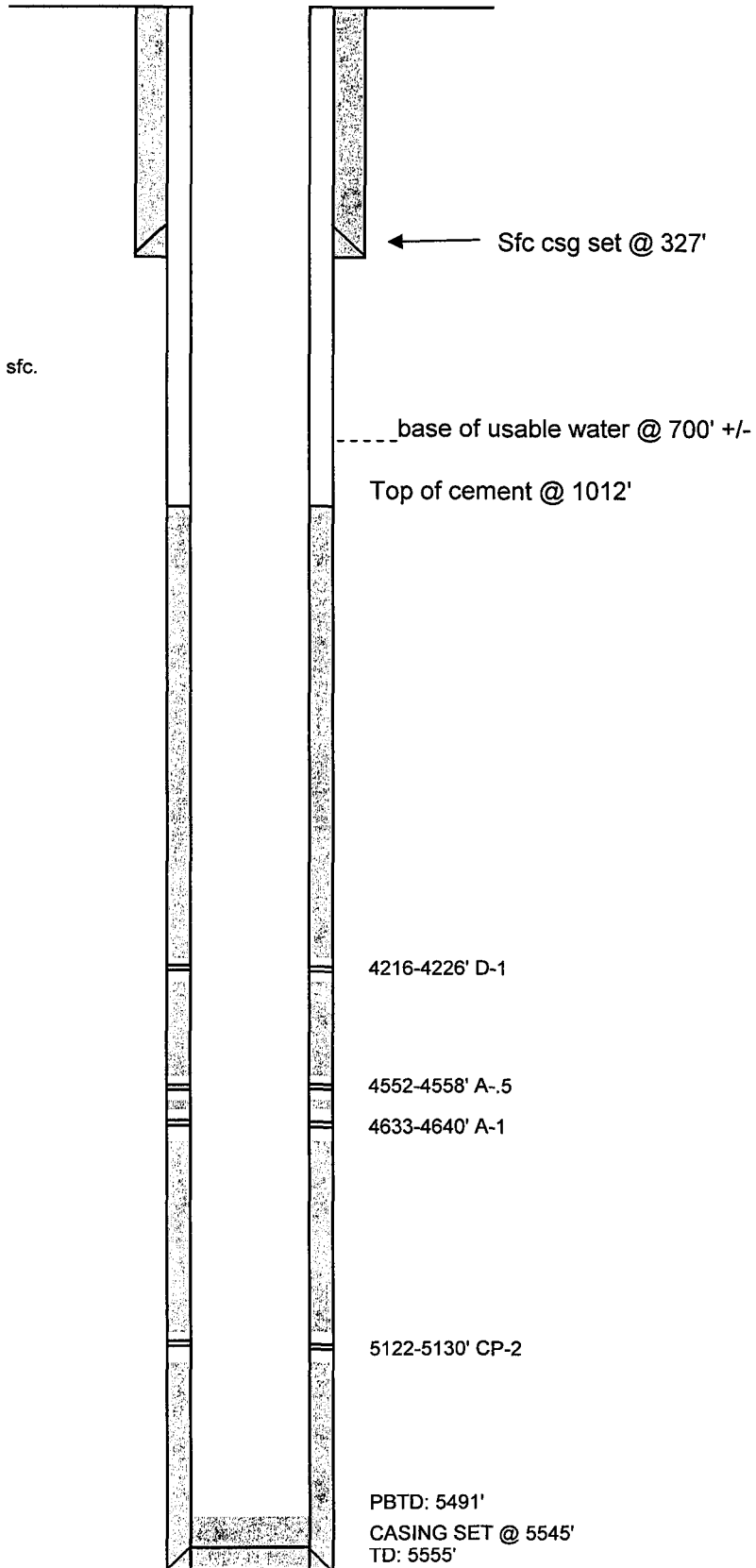
Spud Date: 1/10/2008  
Put on production: 3/5/08  
GL: 5251' KB: 5263'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENTH: 316'  
DEPTH LANDED: 327'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class G cmt, returned 5 bbls to sfc.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENTH: 5547'  
DEPTH LANDED: 5545' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sx premlite II w/ add.  
400 sx 50/50 poz w/ add



### NEWFIELD PRODUCTION CO.

Lone Tree Federal 9A-22-9-17  
1990 FSL 663 FEL  
NE/SE Section 22-T9S-R17E  
Duchesne Co, Utah  
API #43-013-33869  
Lease #UTU-13905

# LONE TREE FEDERAL #9A-22-9-17

## Wellbore Diagram

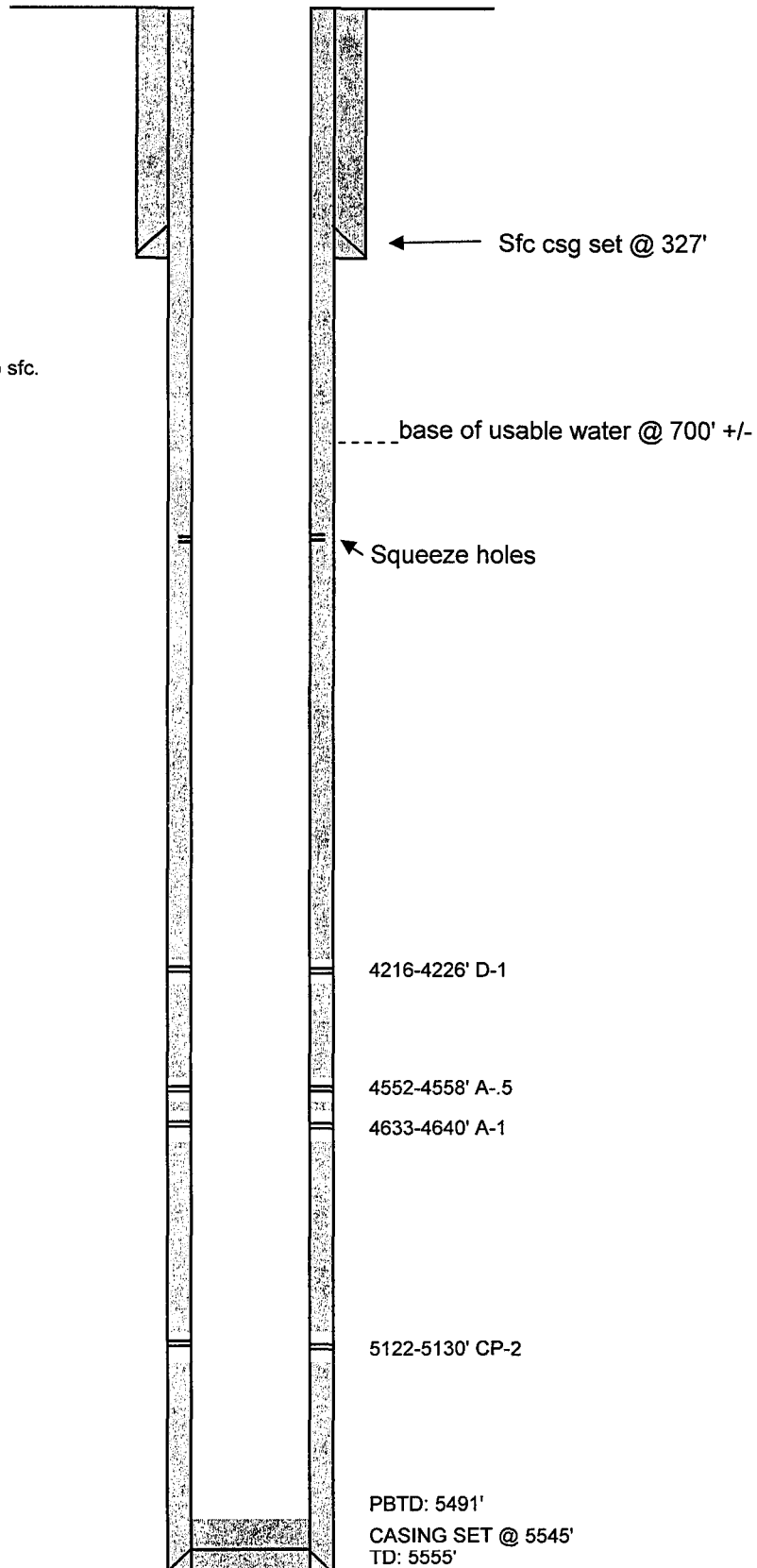
Spud Date: 1/10/2008  
Put on production: 3/5/08  
GL: 5251' KB: 5263'

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENTH: 316'  
DEPTH LANDED: 327'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sx class G cmt, returned 5 bbls to sfc.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENTH: 5547'  
DEPTH LANDED: 5545' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sx premlite II w/ add.  
400 sx 50/50 poz w/ add



### NEWFIELD PRODUCTION CO.

Lone Tree Federal 9A-22-9-17  
1990 FSL 663 FEL  
NE/SE Section 22-T9S-R17E  
Duchesne Co, Utah  
API #43-013-33869  
Lease #UTU-13905



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

**1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>**

**FEB 02 2010**

Ref: 8P-W-GW

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

**RECEIVED**

**FEB 11 2010**

**DIV. OF OIL, GAS & MINING**

RE: Additional Well: Lone Tree Area Permit  
AOR Corrective Action: 2Wells  
Well ID: UT20853-08407  
Lone Tree Federal No. 9A-22-9-17  
NE SE Sec. 22 T9S-R17E  
Duchesne County, Utah  
API #43-013-33869

Dear Mr. Sundberg:

The Newfield Production Company's (Newfield) request to convert a former Green River Formation oil well, Lone Tree Federal No. 9A-22-9-17, to an enhanced recovery injection well under the Lone Tree Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Lone Tree Area Permit No. UT20853-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,548 feet and the top of the Wasatch Formation, estimated at 5,546 feet.

Prior to receiving authorization to inject into the Lone Tree Federal No. 9A-22-9-17, EPA requires that Newfield submit for review and approval the results of a Part 1 (Internal) mechanical integrity test (MIT), a pore pressure calculation of the injection interval, and an EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.


The initial Maximum Allowable Injection Pressure (MAIP) for the Lone Tree Federal No. 9A-22-9-17 was determined to be 1,220 psig. UIC Area Permit UT20853-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or 1-(800)-227-8917 (Ext. 312-6174). Please submit the required data to Attention: Emmett Schmitz at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

FOR RECORD ONLY

Sincerely,



 Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record)  
Proposed Conversion Schematic: Lone Tree Federal No. 9A-22-9-17  
P&A Schematic: Lone Tree Federal No. 9A-22-9-17  
EPA Form No. 7520-13 (Plugging Record)

cc: Permit Letter:  
Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Irene Cuch, Vice-Chairwoman  
Ronald Groves, Councilman  
Steven Cesspooch, Councilman  
Phillip Chimburas, Councilman  
Frances Poowegup, Councilwoman

Daniel Picard, Superintendent  
Uintah & Ouray Indian Agency  
Bureau of Indian Affairs

All Enclosures:

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

Larry Love  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Gil Hunt  
Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

## AUTHORIZATION FOR ADDITIONAL WELL

### **Lone Tree UIC Area Permit No: UT20853-00000**

Lone Tree Final UIC Area Permit UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. April 8, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

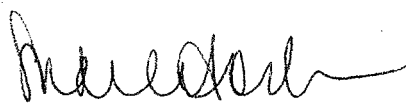
Well Name:	Lone Tree Federal No. 9A-22-9-17
EPA Well ID Number:	UT20853-08407
Location:	1990' FSL & 663' FEL NE SE Sec. 22 -T9S-R17E Duchesne County, Utah API #43-013-33869

Pursuant to 40 CFR §144.33, Lone Tree UIC Final Area Permit No. UT20853-00000 authorizes the Permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the Lone Tree Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20853-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the Permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: **FEB 02 2010**

  
**Stephen S. Tuber**  
\*Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the Permit and Authorization*

## **INJECTION WELL-SPECIFIC REQUIREMENTS**

Well Name: Lone Tree Federal No. 9A-22-9-17  
EPA Well ID Number: UT20853-08407

### **Prior to Commencing Injection Operations, the Permittee shall submit the following information:**

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (Internal) Mechanical Integrity Test (MIT);

Once these records are received and approved by EPA, Director will provide written authorization to inject.

**PLEASE NOTE THAT ALL DEPTHS ARE CALCULATED FROM KELLY BUSHING.**

**Approved Injection Zone:** Injection is approved between the base of the Green River Formation-Garden Gulch Member-Alternative "B" Shale Confining Zone (3,548 feet) to the estimated top of the Wasatch Formation at a depth of 5,546 feet.

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 1,220 psig, based on the following calculation:

$$\begin{aligned}\text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D} \\ \text{FG} &= 0.73 \text{ psi/ft} \\ \text{SG} &= 1.016 \text{ (TDS 42,204 mg/l)} \\ \text{D} &= 4,216 \text{ feet (top perforation depth)} \\ \text{MAIP} &= \underline{\underline{1,220 \text{ psig}}}\end{aligned}$$

UIC Area Permit No. UT20853-00000 provides the opportunity for the Permittee to request a change of the MAIP based upon the submitted results of a Step-Rate Test that demonstrates the formation breakdown pressure will not be exceeded.

**Well Construction: Casing and Cementing:** Lone Tree Federal No. 9A-22-9-17 was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the Cement Bond Log (CBL), have satisfactorily demonstrated the presence of adequate cement across Alternative Confining Shale "B" (3,470 feet – 3,548 feet) preventing migration of injection fluids behind the casing from the injection zone.

**Well Construction: Tubing and Packer:** 2-7/8 inch or acceptable size injection tubing is approved. The packer shall be set at a depth no more than 100 feet above the top perforation.



**Demonstration of Mechanical Integrity:** A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than once every five years after the last successful test.

**Demonstration of Financial Responsibility:** The Applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment Plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50-foot surface plug (Plug No. 4) shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 feet above the top perforation with a minimum 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Bench from approximately 2,410 feet – 2,570 feet unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 160-foot balanced cement plug inside the 5-1/2 inch casing from approximately 2,410 feet – 2,570 feet.

PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the contact between the Uinta Formation and Green River Formation (1,076 feet) from approximately 1,015 feet – 1,135 feet unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2 inch casing from approximately 1,015 feet -1,135 feet.

PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2 inch casing to 751 feet and up the 5-1/2 inch x 8-5/8 inch casing annulus to the surface.

## **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: Lone Tree Federal No. 9A-22-9-17  
EPA Well ID Number: UT20853-08407

**Underground Sources of Drinking Water (USDWs):** USDWs in the Lone Tree Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 701 feet below ground surface in Lone Tree Federal No. 9A-22-9-17.

**http:NRWRT1.NR.STATE.UT.US:** There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the Lone Tree Federal No. 9A-22-9-17.

**Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):**  
- TDS of the Garden Gulch and Douglas Creek Members of the Green River Formation Water: 42,204 mg/l. (SG: 1.016).

- TDS of Beluga Facility Injection System source water: 8,822 mg/l.

**Aquifer Exemption:** An Aquifer Exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

**Confining Zone:** The 78 feet of Green River Formation – Garden Gulch Member - Alternative "B" Confining Shale occurs between 3,470 feet and 3,548 feet.

**Injection Zone:** The Injection Zone in Lone Tree Federal No. 9A-22-9-17 contains approximately 1,998 feet of interbedded and lenticular sand, shale, marlstone and limestone from the base of the Garden Gulch Member-Alternative "B" Shale Confining Zone (3,548 feet) to the estimated top of the Wasatch Formation at 5,546 feet. All formation and member tops are based on correlations to Newfield Production Federal No. 1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** Annulus cement adequate to prevent significant migration of injection fluids behind casing is demonstrated by twenty-eight (28) feet (3,516 feet – 3,548 feet) of 80% bond index cement bond within Alternative Confining Shale "B" (3,470 feet – 3,548 feet).

**Surface Casing:** 8-5/8 inch casing is set at 326 feet in a 12-1/4 inch hole, using 160 sacks Class "G" cement, cemented to the surface.

**Longstring Casing:** 5-1/2 inch casing is set at 5,545 feet in a 7-7/8 inch hole secured with 700 sacks of cement. Total driller depth 5,555 feet. Plugged back total depth is 5,491 feet. CBL top of cement is 1,012 feet.

Perforations: Top perforation: 4,216 feet. Bottom perforation: 5,130 feet.

### **AREA OF REVIEW (AOR) WELL REQUIREMENTS**

Four (4) wells penetrating the Confining Zone, within or proximate to a 1/4 mile radius around the Lone Tree Federal No. 9A-22-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs. Corrective Action is required on Quinox Federal No. 3-23-9-17 and Lone Tree Federal No. 16-22-9-17.

Lone Tree Federal No. 10-22-9-17 NWSE Sec. 22-T9S-R17E  
80% bond index cement bond (3,228 feet – 4,856 feet) crosses Alternative Confining Shale “B” (3,466 feet – 3,548 feet).

Lone Tree Federal No. 8-22-9-17 SE SN Sec. 22-T9S-R17E  
80% bond index cement bond (2,762 feet – CBL TD) crosses Alternative Confining Shale “B” (3,502 feet – 3,582 feet).

#### **CORRECTIVE ACTION REQUIRED:**

Quinox Federal No. 3-23-9-17 NW SW Sec. 23-T9S-R17E  
No EPA-acceptable annulus cement bond within the Administrative Confining Zone (3,154 feet – 3,227 feet), or Alternative Confining Shale “B” (3,444 feet – 3,521 feet).

Lone Tree Federal No. 16-22-9-17 SE SE Sec. 22-T9S-R17E  
No EPA-acceptable annulus cement bond within the Administrative Confining Zone (3,014 feet – 3,204 feet), or Alternative Confining Shale “B” (3,423 feet – 3,498 feet).

Newfield submitted a Corrective Action Plan, effective July 10, 2008, entitled “Procedure related to proposed Class II Enhanced oil Recovery Injection Wells determined by EPA to have specific Area-of-Review (AOR) wells with inadequate cement across the Confining Zone”. The Permittee is referred to this enclosed document.

If possible fluid movement out of injection zone is identified, either through weekly monitoring, or through Newfield’s July 10, 2008 procedure described above, or through any other means, (for example: evidence of fluid flow or increased bradenhead annulus pressure readings, Permittee will shut-in Lone Tree Federal No. 9A-22-9-17 immediately and notify the Director. No injection into Lone Tree Federal No. 9A-22-9-17 will be permitted until Permittee has notified Director that the non-compliance has been resolved, has submitted Rework Records (EPA Form No. 7520-12) with a schematic diagram, and received authorization from Director to re-commence injection.

#### **Reporting of Noncompliance:**

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:** The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

**Oil Spill and Chemical Release Reporting:** The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

**Other Noncompliance:** The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

**Other Information:** Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

# UT 20853-08407 LONE TREE 9A-22-9-17

Spud Date: 01/10/08  
Put on Production: 03/04/08  
GL: 5251' KB: 5263'

Proposed Injection  
Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (315.71')  
DEPTH LANDED: 326.61' KB *Base USDW*  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 125 jts. (5531.96')  
DEPTH LANDED: 5545.21' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP: 1012'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 162 jts (5087.28')  
TUBING ANCHOR: 5102.28' KB  
NO. OF JOINTS: 2jts (62.96')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5166.14' KB  
NO. OF JOINTS: 2jts (63.01')  
TOTAL STRING LENGTH: EOT @ 5229.60' KB

## FRAC JOB

02/27/08 5122-5130' Frac CP2 sands as follows:  
15122# 20/40 sand in 272 bbls Lightning 17  
frac fluid. Treated @ avg press of 1901 psi  
w/avg rate of 23.2 BPM. ISIP 1757 psi.  
02/27/08 4633-4640' Frac A1 sands as follows:  
14749# 20/40 sand in 263 bbl Lightning 17  
frac fluid. Treated @ avg press of 1553 psi  
w/avg rate of 23.3 BPM. ISIP 1356 psi.  
02/27/08 4552-4558' Frac A.S sands as follows:  
20331# 20/40 sand in 296 bbls Lightning 17  
frac fluid. Treated @ avg press of 1754 psi.  
w/avg rate of 23.3 BPM. ISIP 1628 psi.  
02/27/08 4216-4226' Frac D1 sands as follows:  
30445# 20/40 sand in 378 bbls Lightning 17  
frac fluid. Treated @ avg press of 1492 psi  
w/avg rate of 23.2 BPM. ISIP 1540 psi.

Cement Top @ 1012'

80% Bond 1450'-1878'  
1/14/09

Tubing Leak. Updated rod & tubing  
details.

3174'-3252' Confining Zone  
3252' Garden Gulch

3516'-3554'  
3750'-3870'  
4072'-5032' } 80% Bond

Packer @ 4181'  
4216-4226'

4552-4558'

4633-4640'

5122-5130'

## PERFORATION RECORD

5122-5130'	4 JSPF	32 holes
4633-4640'	4 JSPF	28 holes
4552-4558'	4 JSPF	24 holes
4216-4226'	4 JSPF	40 holes

5421' Basal Carbonate

PBTD @ 5491'

SHOE @ 5545'

TD @ 5559'

*Est. N. 25° E. 5546'*

NEWFIELD

LONETREE 9A-22-9-17

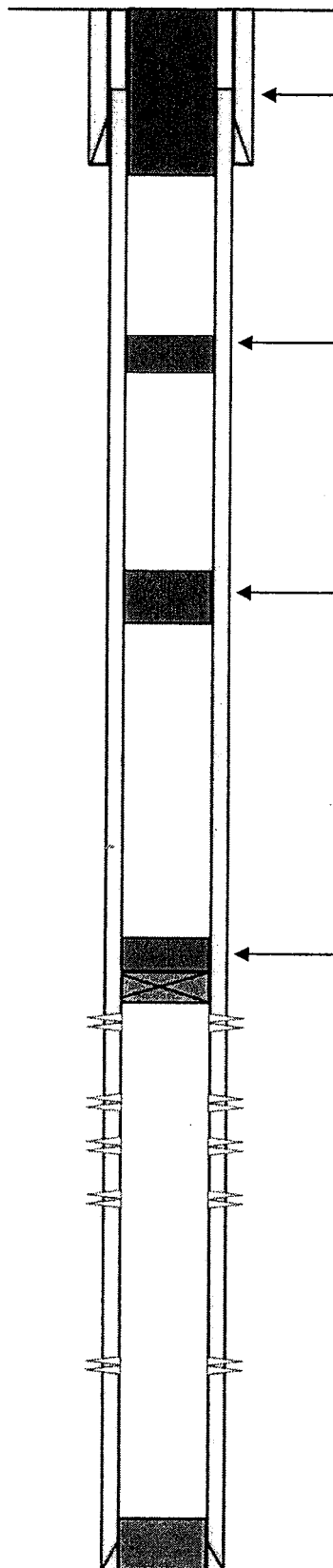
1990' FSL & 663' FEL

NE/SE Section 22-T9S-R17E

Duchesne Co, Utah

API #43-013-33869; Lease # UTU-13905

## Plugging and Abandonment Diagram Lone Tree No. 9A-22-9-17



Plug 4: Set a Class "G" cement plug within the 5-1/2 inch casing surface to 751 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

Plug 3: Perforate and squeeze cement up the backside of the casing across the contact between the Uinta Formation and Green River Formation 1,015 feet - 1,135 feet unless existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot balanced cement plug inside the casing from approximately 1,015 feet - 1,135 feet.

Plug 2: Perforate and squeeze cement up the backside of the casing across the Trona Zone and the Mahogany Bench from approximately 2,410 feet - 2,570 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 160-foot balanced cement plug inside the casing from approximately 2,410 feet - 2,570 feet.

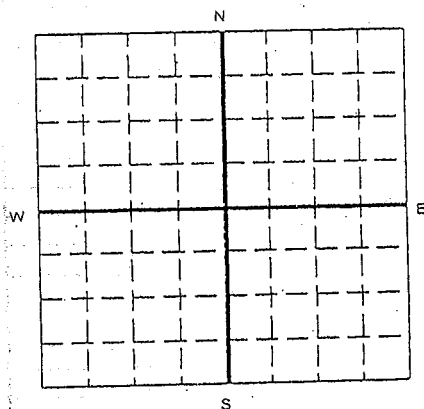
Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.


 United States Environmental Protection Agency  
 Washington, DC 20460

## WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

 Locate Well and Outline Unit on  
 Section Plat - 640 Acres


State

County

Permit Number

Surface Location Description

\_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of Section \_\_\_\_ Township \_\_\_\_ Range \_\_\_\_

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location \_\_\_\_ ft. frm (N/S) \_\_\_\_ Line of quarter section

and \_\_\_\_ ft. from (E/W) \_\_\_\_ Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal  
☐ Enhanced Recovery  
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual

☐ Area

Number of Wells \_\_\_\_

Well Number

## WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

## WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

 DESCRIBE REWORK OPERATIONS IN DETAIL  
 USE ADDITIONAL SHEETS IF NECESSARY

## WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

## Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed


 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 WASHINGTON, DC 20460

**PLUGGING RECORD**

NAME AND ADDRESS OF PERMITTEE				NAME AND ADDRESS OF CEMENTING COMPANY																																																																																					
LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES  <div style="text-align: center;">N</div> <div style="display: flex; justify-content: space-between;"> <span>W</span> <span>E</span> </div> <table border="1" style="margin: 0 auto; width: 200px; height: 150px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <div style="text-align: center;">S</div>																																																																																				STATE		COUNTY		PERMIT NUMBER	
SURFACE LOCATION DESCRIPTION _____ 1/4 of _____ 1/4 of _____ 1/4 of _____ 1/4 of Section _____ Township _____ Range _____																																																																																									
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location _____ ft. from (N/S) _____ Line of quarter section  and _____ ft. from (E/W) _____ Line of quarter section																																																																																									
TYPE OF AUTHORIZATION  <input type="radio"/> Individual Permit <input type="radio"/> Area Permit <input type="radio"/> Rule  Number of Wells _____  Lease Name _____				Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole																																																																																					
CASING AND TUBING RECORD AFTER PLUGGING					METHOD OF EMPLACEMENT OF CEMENT PLUGS																																																																																				
SIZE	WT(LB/FT)	TO BE PUT IN WELL(FT)	TO BE LEFT IN WELL(FT)	HOLE SIZE	<input type="radio"/> CLASS I <input type="radio"/> CLASS II <input type="radio"/> CLASS III																																																																																				
					<input type="radio"/> The Balance Method <input type="radio"/> The Dump Bailer Method <input type="radio"/> Brine Disposal <input type="radio"/> The Two-Plug Method <input type="radio"/> Enhanced Recovery <input type="radio"/> Other <input type="radio"/> Hydrocarbon Storage																																																																																				
CEMENTING TO PLUG AND ABANDONED DATA					PLUG #1	PLUG #2	PLUG #3																																																																																		
Size of Hole or Pipe in which Plug Will Be Placed (inches)																																																																																									
Depth to Bottom of Tubing or Drill Pipe (ft.)																																																																																									
Sacks of Cement To Be Used (each plug)																																																																																									
Slurry Volume To Be Pumped (cu. ft.)																																																																																									
Calculated Top of Plug (ft.)																																																																																									
Measured Top of Plug (if tagged ft.)																																																																																									
Slurry Wt. (Lb./Gal.)																																																																																									
Type cement or other material (Class III)																																																																																									
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS																																																																																									
From		To		From		To																																																																																			
Signature of Cementer or Authorized Representative				Signature of EPA Representative																																																																																					
CERTIFICATION																																																																																									
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)																																																																																									
NAME AND OFFICIAL TITLE (Please type or print)				SIGNATURE		DATE SIGNED																																																																																			



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-13905
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: LONETREE 9A-22-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 22, T9S, R17E		9. API NUMBER: 4301333869
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  04/19/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 04/12/2010.

On 04/19/2010 Jaseon Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/19/2010/2010 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20853-08407 API# 43-013-33869

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>04/20/2010</u>

(This space for State use only)

**RECEIVED**

**APR 26 2010**

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include are code)  
435 646 3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESE Section 22 T9S R17E

5. Lease Serial No.

USA UTU-13905

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
GMBU

8. Well Name and No.

LONETREE 9A-22-9-17

9. API Well No.

4301333869

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The subject well has been converted from a producing oil well to an injection well on 04/12/2010.

On 04/19/2010 Jaseon Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/19/2010/2010 the casing was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20853-08407

API# 43-013-33869

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Administrative Assistant

Date

04/20/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

**RECEIVED**

**APR 26 2010**

DIV OF OIL GAS & MINING

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 04/19/2010  
Test conducted by: Lynn Manson  
Others present: \_\_\_\_\_

Well Name: <u>Lone Tree 9A-22-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>22</u> T <u>9</u> N <u>10</u> R <u>17</u> E W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>New Field</u>		
Last MIT: <u>1</u> <u>1</u>		Maximum Allowable Pressure: _____ PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

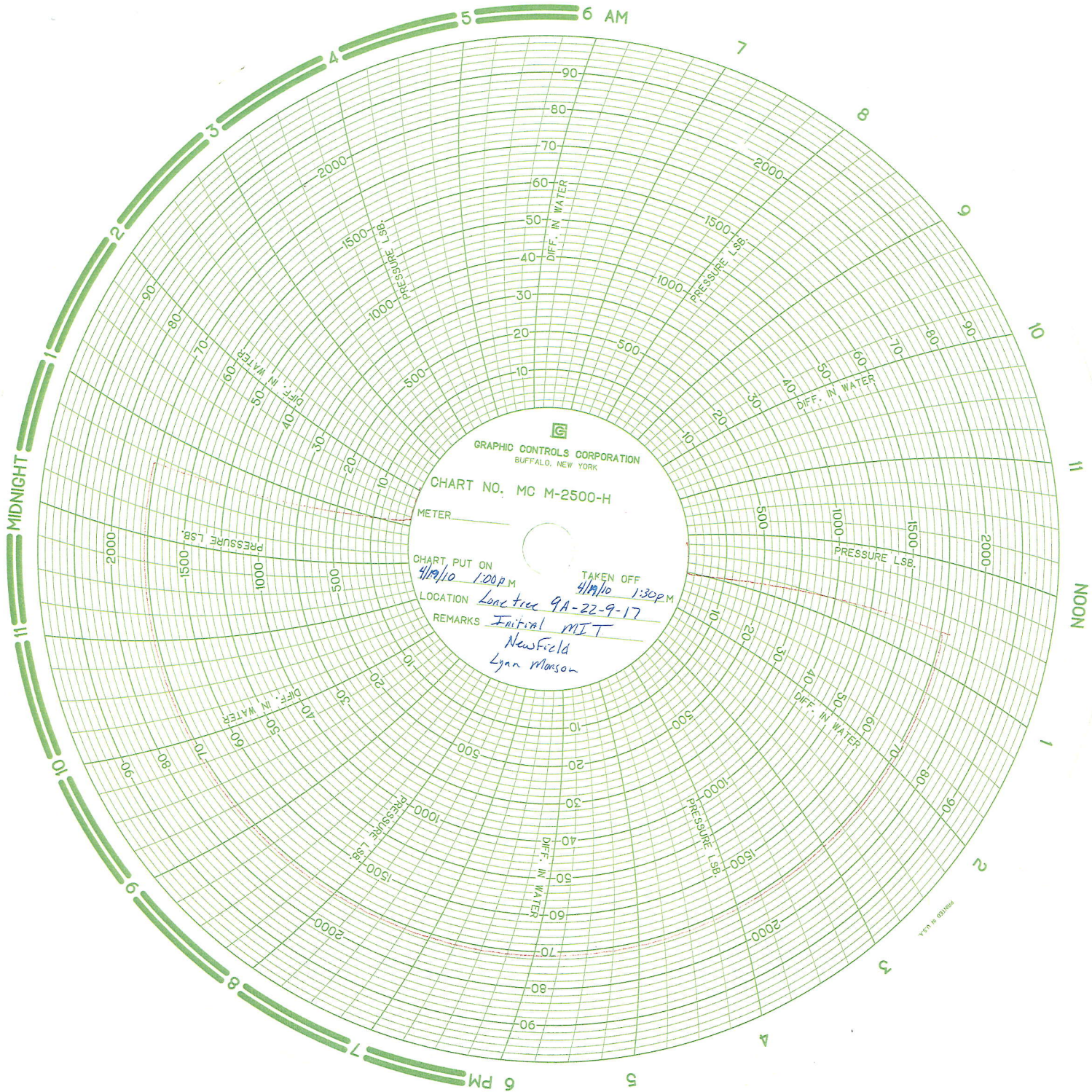
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1775</u> psig	psig	psig
5 minutes	<u>1775</u> psig	psig	psig
10 minutes	<u>1775</u> psig	psig	psig
15 minutes	<u>1775</u> psig	psig	psig
20 minutes	<u>1775</u> psig	psig	psig
25 minutes	<u>1775</u> psig	psig	psig
30 minutes	<u>1775</u> psig	psig	psig
_____ minutes	_____ psig	psig	psig
_____ minutes	_____ psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_





**Daily Activity Report**

Format For Sundry

**LONETREE 9A-22-9-17****2/1/2010 To 6/30/2010****4/10/2010 Day: 1****Conversion**

Nabors #809 on 4/10/2010 - Start LD rod string. - MIRU Nabors #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 8 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 158 rods. PU polished rod & SIFN. - MIRU Nabors #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 8 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD 158 rods. PU polished rod & SIFN. **Finalized**

**Daily Cost: \$0****Cumulative Cost: \$2,560**

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**4/12/2010 Day: 2****Conversion**

Nabors #809 on 4/12/2010 - Finished LD rod string. TOH W/ production tbg. TIH W/ packer & test injection string. - RU HO trk & flushed tbg W/ 30 BW @ 250°F. Con't TOH & LD remaining rod string and pump. ND wellhead & release TA @ 5104'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 33 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 133 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Bump back up to 3000 psi & leave on overnight. - RU HO trk & flushed tbg W/ 30 BW @ 250°F. Con't TOH & LD remaining rod string and pump. ND wellhead & release TA @ 5104'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 33 jts & BHA. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 133 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Bump back up to 3000 psi & leave on overnight.

**Daily Cost: \$0****Cumulative Cost: \$7,559**

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**4/13/2010 Day: 3****Conversion**

Nabors #809 on 4/13/2010 - Pressure tested tbg. Set & test packer. RDMOSU. - Run Vaughn Energy Services gyro survey. Perform MIT. - Tbg pressure @ 2000 psi. RU HO trk & re-pressure tbg to 3000 psi. Holds solid for 1 hour. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4186', CE @ 4190' & EOT @ 4194'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1400 psi. Holds solid for 1 hour. RDMOSU. - Run Vaughn Energy Services gyro survey. Perform MIT. - Tbg pressure @ 2000 psi. RU HO trk & re-pressure tbg to 3000 psi. Holds solid for 1 hour. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4186', CE @ 4190' & EOT @ 4194'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1400 psi. Holds solid for 1 hour.

RDMOSU.

**Daily Cost:** \$0**Cumulative Cost:** \$12,051

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**4/19/2010 Day: 4****Conversion**

Rigless on 4/19/2010 - MIT on Well - On 4/19/2010 Jason Deardorf with the EPA was contacted concerning the initial MIT on the above listed well (Lonetree 9A-22-9-17). On 4/19/2010 the csg was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT20853-08407 API# 43-013-33869 - On 4/19/2010 Jason Deardorf with the EPA was contacted concerning the initial MIT on the above listed well (Lonetree 9A-22-9-17). On 4/19/2010 the csg was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT20853-08407 API# 43-013-33869 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$12,351

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**Pertinent Files: Go to File List**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

APR 29 2010

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Michael Guinn  
District Manager  
Newfield Production Company  
Route 3 – Box 3630  
Myton, UT 84052

**RECEIVED**

**MAY 06 2010**

**DIV. OF OIL, GAS & MINING**

RE: Underground Injection Control (UIC)  
Limited Authorization to Inject  
EPA UIC Permit UT20853-08407  
Lone Tree 9A-22-9-17  
NESE Sec. 22-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-33869

Dear Mr. Guinn:

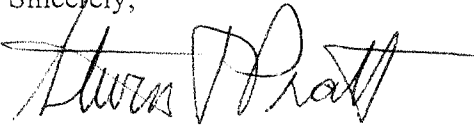
The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) April 20, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20853-08407.

As of the date of this letter, Newfield is authorized to commence injection into the Lone Tree 9A-22-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,220 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 1,220 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20853-08407.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,

  
for

Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman  
Ronald Groves, Councilman  
Irene Cuch, Vice-Chairwoman  
Steven Cesspooch, Councilman  
Phillip Chimburas, Councilman  
Frances Poowegup, Councilwoman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

Larry Love  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Gil Hunt  
Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-13905
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> LONE TREE FED 9A-22-9-17(RIGSKID)
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1990 FSL 0663 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 22 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013338690000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/5/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: 2 YR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 05/31/2012 Nathan Wiser with the EPA was contacted concerning the 2-year MIT on the above listed well. On 06/05/2012 the csg was pressured up to 1575 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 1000 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20853-08407		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> June 18, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/6/2012	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6/5/12  
Test conducted by: Jared Robinson  
Others present: \_\_\_\_\_

Well Name: <u>Long tree 9A-22-9-17</u>	Type: ER <u>(SWD)</u>	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>22</u> T <u>9S</u> N <u>10</u> R <u>17E</u> W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u>/ /</u> Maximum Allowable Pressure: _____		PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No  
Initial test for permit? ☐ Yes ☐ No  
Test after well rework? ☐ Yes ☐ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>1000</u> psig	psig	psig
End of test pressure	<u>1000</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1575</u> psig	psig	psig
5 minutes	<u>1575</u> psig	psig	psig
10 minutes	<u>1575</u> psig	psig	psig
15 minutes	<u>1575</u> psig	psig	psig
20 minutes	<u>1575</u> psig	psig	psig
25 minutes	<u>1575</u> psig	psig	psig
30 minutes	<u>1575</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

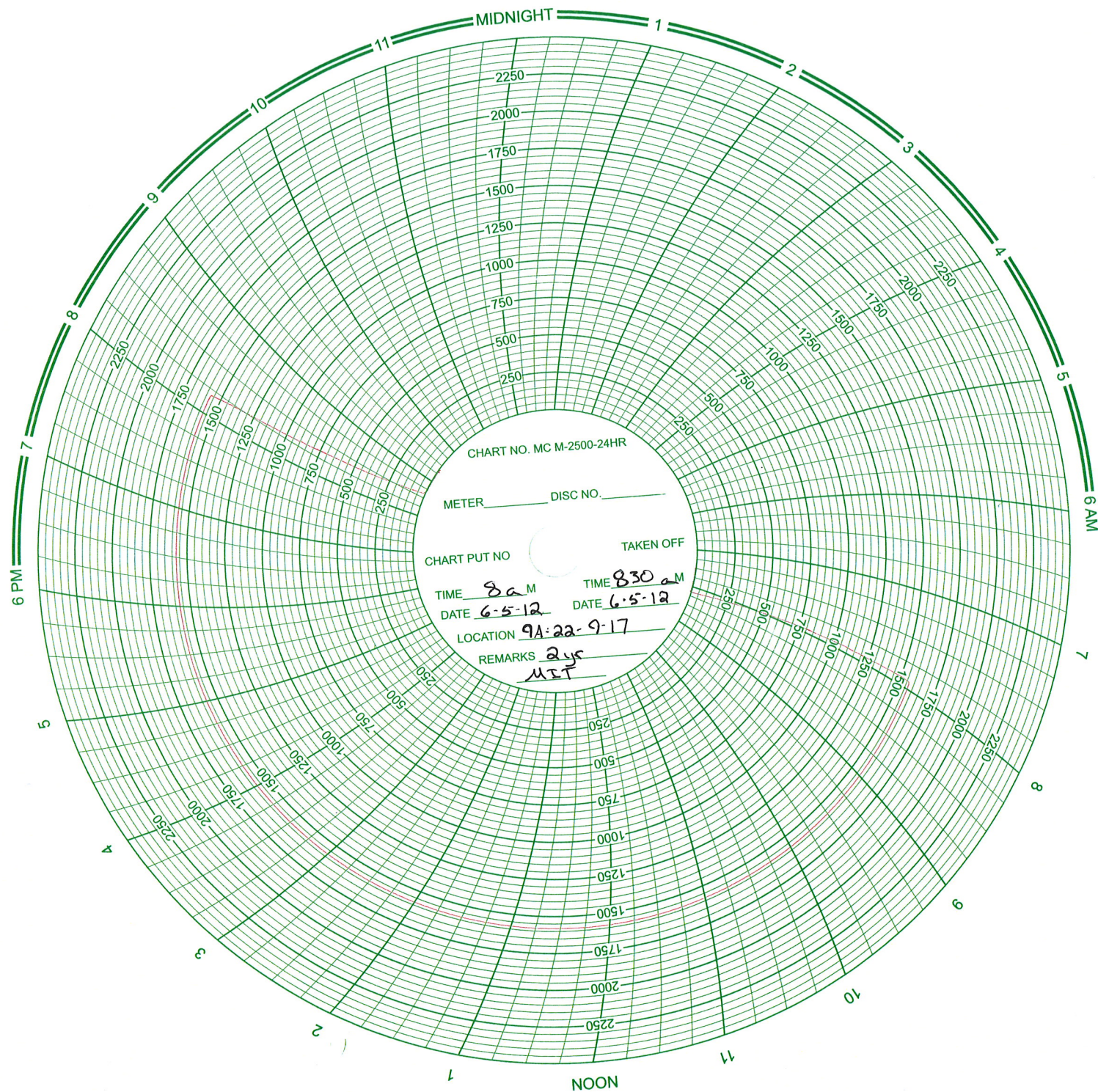
Does the annulus pressure build back up after the test? ☐ Yes ☒ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_





<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-13905
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> LONE TREE FED 9A-22-9-17(RIGSKID)
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1990 FSL 0663 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 22 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013338690000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/14/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="Put on Injection"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The above reference well was put on injection at 9:00 PM on 09/14/2012. EPA # UT20853-08407		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> September 25, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/20/2012	



# LONE TREE FED 9A-22-9-17

Spud Date: 01/10/08  
Put on Production: 03/04/08  
GL: 5251' KB: 5263'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (315.71')  
DEPTH LANDED: 326.61' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

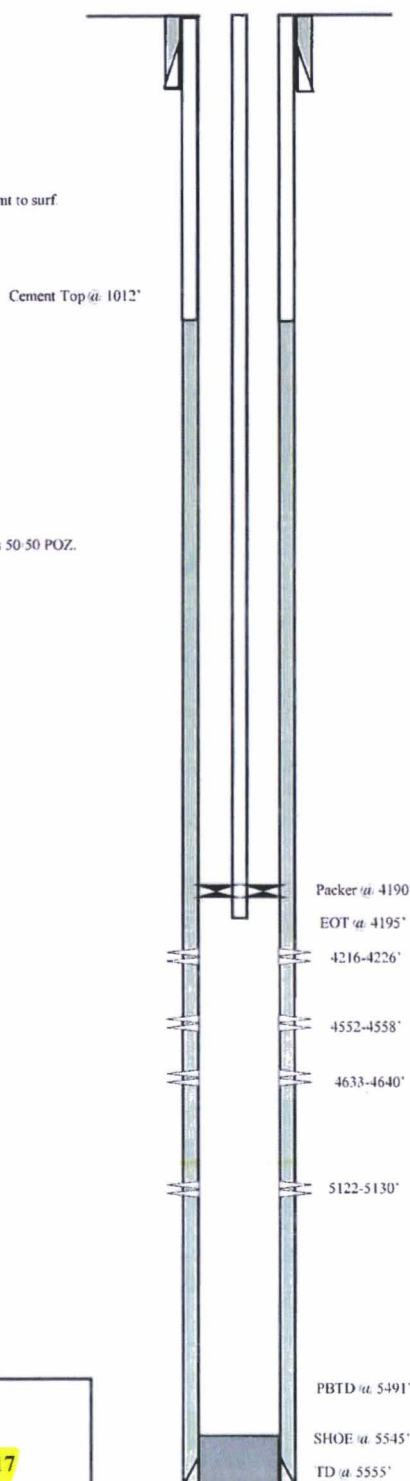
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 125 jts. (5531.96')  
DEPTH LANDED: 5545.21' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50-50 POZ.  
CEMENT TOP: 1012'

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 6.5#  
NO. OF JOINTS: 133 jts (4174')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4186' KB  
CE @ 4190'  
TOTAL STRING LENGTH: EOT @ 4195' KB

## Injection Wellbore Diagram




Initial Production: BOPD,  
MCFD, BWPD

## FRAC JOB

02/27/08	5122-5130'	<b>Frac CP2 sands as follows:</b> 15122# 20-40 sand in 272 bbls Lightning 17 frac fluid. Treated @ avg press of 1901 psi w/avg rate of 23.2 BPM. ISIP 1757 psi.
02/27/08	4633-4640'	<b>Frac A1 sands as follows:</b> 14749# 20-40 sand in 263 bbl Lightning 17 frac fluid. Treated @ avg press of 1553 psi w/avg rate of 23.3 BPM. ISIP 1356 psi.
02/27/08	4552-4558'	<b>Frac A.5 sands as follows:</b> 20331# 20-40 sand in 296 bbls Lightning 17 frac fluid. Treated @ avg press of 1754 psi w/avg rate of 23.3 BPM. ISIP 1628 psi.
02/27/08	4216-4226'	<b>Frac D1 sands as follows:</b> 30445# 20-40 sand in 378 bbls Lightning 17 frac fluid. Treated @ avg press of 1492 psi w/avg rate of 23.2 BPM. ISIP 1540 psi.
1/14/09		Tubing Leak. Updated rod & tubing details.
4/7/09		Cement Repair. Updated rod & tubing detail
10/16/09		Tubing Leak. Updated rod & tbg details.
04/12/10		Convert to Injection well
04/19/10		MIT Completed - tbg detail updated

## PERFORATION RECORD

5122-5130'	4 JSPF	32 holes
4633-4640'	4 JSPF	28 holes
4552-4558'	4 JSPF	24 holes
4216-4226'	4 JSPF	40 holes



**LONETREE FEDERAL 9A-22-9-17**

1990' FSL & 663' FEL

NE/SF Section 22-T9S-R17E

Duchesne Co, Utah

API #43-013-33869; Lease # UTU-13905